GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA

UNSTARRED QUESTION NO:3003
ANSWERED ON:06.12.2007
POWER SAVING PILOT PROJECT IN THE RAILWAYS
Vallabbhaneni Shri Balashowry

Will the Minister of RAILWAYS be pleased to state:

(a) whether a pilot project in Railways saved around 2 million kilowatt hour of power in October; and

(b) if so, the details of the project alongwith the technology used?

Answer

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI R. VELU)

(a) & (b) Yes, Sir. Indian Railways are now employing new generation electric locomotives which have a regenerative feature to generate electric power during braking by using three phase propulsion technology to convert kinetic energy as electric power during braking. Forty such locomotives are part of the fleet of Northern Railway, and work in prestigious Rajdhani/ Shatabdi expresses and other important Mail/Express trains. The energy generated during braking by these locomotives was about 2 million kilowatt hours during October 2007.